Software Requirement Specification
Hotel Management System.

1. INTRODUCTION

1.1 Purpose of this Document

This document aims to highlight the requirements required to build a software for HMS. The attributes required to create a software that facilitates a hotel's reservation management and administrative tasks.

1.2 Scope of this document

This document encompasses the requirement specification for a HMS software. It aims to give a brief overview of the functionalities, requirements and its constraints. It outlines the estimated development time and cost.

1.3 Overview

The HMS provides a software for storing hotel details, facilitate transactions and manage room reservations. It also provides outlook to many functionalities such as housekeeping, frontdesk assistance, guest check in / check out and more.

2. GENERAL DESCRIPTION

The system will enable hotel staff to efficiently manage reservations, automatize check in and check out processes, track guest preferences, generate accurate billing and access comprehensive reporting tools.

3. FUNCTIONAL REQUIREMENTS

- Reservation management

- Guest management
- Billing and payment
- Reporting and analytics
- Customer support
- Checking availability of rooms

4. INTERFACE REQUIREMENTS

4.1 User interface

The user interface shall be web based, intuitive, and easy to navigate, ensuring a seamless user experience across different devices.

4.2 External System Interface

The system may need to interface with external systems such as:
- Payment gateways
- Property Management Systems
- Channel Management systems

5. PERFORMANCE REQUIREMENTS
- Response time
- Availability
- Capacity.

6. DESIGN CONSTRAINTS
- Technology stack
- Hardware limitations
- Security compliance

7. NON FUNCTIONAL ATTRIBUTES
- Security
- Reliability

- Usability
- Maintainability.

8. PRELIMINARY SCHEDULE AND BUDGET

8.1 Schedule

The estimated initial duration of this HMS project is 3 months. A detailed timeline will be provided further as we progress.

8.2 Budget

The estimated project budget is ₹50,000. A more detailed financial plan will be provided upon further.

Requirements - ₹1000

Design & implementation ₹15000

validation & testing - ₹30000

Evolution & maintenance - ₹4000.